

Attorney Docket No. 04005/LH

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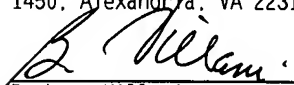
**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Date of Deposit: March 1, 2004

Applicant(s): T. TAKAYAMA et al

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Serial No. :


Barbara Villani

Filed : Herewith

For : ROLLING ELEMENT AND
METHOD OF PRODUCING
THE SAME

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Art Unit :

Examiner :

INFORMATION DISCLOSURE STATEMENT


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S I R :

Submitted herewith are copies of the publications identified on the attached Patent Office form PTO/SB/08A.

It is respectfully requested that these publications be considered and made of record.

Respectfully submitted,


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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number		
				Filing Date		Herewith
				First Named Inventor		TAKAYAMA
				Group Art Unit		
				Examiner Name		
Sheet	1	of	2	Attorney Docket Number		04005/LH

U.S. PATENT DOCUMENTS

Exam. Inits ¹	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam Inits ¹	Cite No ¹	offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
		JP	61-9555	A	TAKAYAMA ET AL	01-17-1986		X*
		JP	64-4459	A	ITABE ET AL	01-09-1989		X*
		JP	10-176219	A	TAKAYAMA ET AL	06-03-1998		X*
		JP	11-117059	A	TAKAYAMA ET AL	04-27-1999		X*
		JP	11-222627	A	TAKAYAMA ET AL	08-17-1999		X*
		JP	2000-204464	A	HAMASAKA ET AL	07-25-2000		X*
		JP	2003-027181	A	TAKAYAMA ET AL	01-29-2003		X*
			*English abstract attached.					

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPBP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

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				Filing Date		Herewith
				First Named Inventor		TAKAYAMA
				Group Art Unit		
				Examiner Name		
Sheet	2	of	2	Attorney Docket Number		04005/LH
OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published				T ²
		HEAT TREATMENT OF STEEL (5 th Edition); Edited by the Iron and Steel Institute of Japan, March 15, 1985; pp. 44-46; 110. K. KOMINE et al; ON RELATIONSHIP BETWEEN HALF VALUE BREADTH AND HARDNESS OF QUENCHED- TEMPERED STEELS ; Materials Vol. 26, No.280, P26 issued by Society of Materials, Japan, pp. 24-30.				
Examiner Signature				Date Considered		

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